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TECOGEN'S DISTRIBUTED GENERATION PRODUCT LINE MEETS NEW STANDARD

Tecogen's High-Efficiency Products Conform with IEEE P1547 -- the New Standard for Distributed Generation Connectivity

WALTHAM, Mass. – July 31, 2002 – Tecogen Inc. announced that its 60 kW and 75 kW natural-gas powered cogeneration systems will meet a new standard governing interconnections between non-utility-owned distributed generation and the distribution grid. Distributed generation (DG) refers to small-scale power-generating technologies such as Tecogen's that are located at the end-user's site and interconnect with a utility's power distribution grid. Known in its draft form as IEEE P1547/D07, the new standard should help ease some of the permitting difficulties that DG manufacturers have faced in the past. ITS ETL Semko, a worldwide accredited testing, inspection, and certification organization, performed the compliance testing and specification review for Tecogen.

In order for a DG customer to set up their on-site system, numerous interconnection and liability requirements must be satisfied before the customer is allowed to connect to the grid. According to the U.S. Department of Energy's Distributed Power Program, "These requirements have been designed to ensure that [DG] systems operate safely and reliably with the distribution system, but they have evolved to be sufficiently complex and burdensome ."

"The importance of this new standard cannot be overstated," commented Bob Panora, president and COO of Tecogen. "We expect that it will help ease what has typically been a very difficult, very onerous permitting step. Overcoming that hurdle should help drive robust growth in the DG market in the coming years."

Testing and Specification Details

The systems that were tested conformed to all sections of P1547, although some sections were passed implicitly due to Tecogen's use of an induction generator. Tests ranged from simulated faults, to verify the protective actions of the Tecogen microprocessor, to "withstand" tests under harsh surge and electromagnetic interference conditions. More information on this and other standards can be found at www.tecogen.com.

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About Tecogen

Tecogen Inc. operates in the distributed generation market and is a leading manufacturer of natural gas-fueled commercial cooling and heat-recovery systems. Tecogen has an installed base of more than 1,200 units, which it supports through an established network of engineering, sales, and service support. Tecogen is based in Waltham, Massachusetts, with annual revenues of approximately $13 million. For more information, go to www.tecogen.com.

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